

Trumao

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Trumao is the name of a soil of the Andosol order found in southern and central Chile. Trumaos are formed from young volcanic ash, by volcanic ash redeposited by aeolian processes or by volcanic ash mobilized as alluvium.^{[1][2]} Trumaos are characterized by containing the following minerals: allophane, imogolite plus a series of paracrystalline and non-crystalline clays.^[3] These soils have high porosity and low bulk density.^[2] A more dry and a more humid variety of trumaos exists. The dry variety is known simply as trumao while the humid variety is known as trumao húmedo.^[1]

In terms of latitude trumaos can be found in the Andes from 33° S to 43° S, in the Central Valley from 38° S to 43° S and in the eastern slopes of the Chilean Coast Range from 39° S to 43° S.^[1]

See also

- Andean Volcanic Belt
- Cancagua
- Ñadi

Notes

1. This is an example of a typical profile of the Central Valley. The last horizon may alternatively be R instead of 2C.^[1]

References

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2. Veblen, Thomas T. (2007). "Temperate Forest of the Southern Andean Region". In Veblen, Thomas T.; Young, Kenneth R.; Orme, Anthony R. *Physical Geography of South America*. Oxford University Press. p. 219. ISBN 978-0-19-531341-3.
3. Sanhueza, C.; Palma, J.; Valenzuela, P.; Araneda, O.; Calderón, K. (September 2011). "Evaluación del comportamiento geotécnico de suelos volcánicos chilenos para su uso como material de filtro en la depuración de aguas residuales domésticas". *Revista de la Construcción* (in Spanish). Escuela de Construcción Civil, Pontificia Universidad Católica de Chile. **10** (2): 66–81. Retrieved 25 June 2015.

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Categories: Geography of Chile | Soil in Chile | Geography of Araucanía Region | Geography of Los Lagos Region | Geography of Los Ríos Region | Volcanic soils

Trumao	
Profile:	A-(AB)-BA-2C ^[note 1]
Key process:	weathering
Parent material:	primary tephra, or tephra redeposited as alluvium or by wind
Climate:	humid ^[1]

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